

Title (en)

Optical control system for media handling assemblies in printers.

Title (de)

Optisches Steuersystem für Aufzeichnungsträgeranordnungen in Druckern.

Title (fr)

Système de réglage optique pour ensembles de manipulation de supports d'enregistrement dans les imprimantes.

Publication

EP 0680829 A2 19951108 (EN)

Application

EP 95302418 A 19950412

Priority

US 23807994 A 19940503

Abstract (en)

A media motion controller (46) for a printer (10) uses a low cost, low resolution optical encoder (such as an LED encoder) (60) which outputs an analog signal with a repeatable cycle indicative of media movement through the printer. An A/D converter (44) is connected to the optical encoder (60) to convert the analog signal into multiple discrete digital levels, where an increment of movement of the recording media (14) is defined as the movement during an interval between a selected discrete digital level in one cycle to the same selected discrete digital level in the next cycle. A controller (46) is coupled to the A/D converter (44) to receive the discrete digital levels and controllably move the media (14) a selected number of movement increments as derived from recurrence of the selected discrete digital level during individual cycles. <IMAGE>

IPC 1-7

B41J 13/00; B41J 15/00

IPC 8 full level

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CPC (source: EP)

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